

# A2 DECORATIVE PANEL

International code: Heraklith A2-M

A2 Decorative panel is a completely finished, square and smooth wood wool panel with an A2 fire rating. This panel has been specially developed for the acoustic and decorative finish of walls and ceilings. Moreover, concrete floors clad with A2 Decorative panels or when installed in a Richter grid ceiling system achieve a fire-resistance of 60 minutes\*.



## STANDARD VERSION


The A2 Decorative panel is produced with PEFC certified wood and a fibre width of 2 mm as standard. The panels are factory finished with a nature tone colour spray and beveled all round.

\* Provided they are processed against solid concrete according to report 16210B or 16211B in accordance with European norm EN 1365-2 / EN 13501-2

## PERFORMANCE

 **Fire classification**  
A2-s1, d0  
★★★★★

 **Sound absorption**  
 $\alpha_w$  max. 0.90  
★★★★☆

 **Thermal resistance**  
 $R_D$  max. 0.55 (50 mm)  
★★★★☆

## ADVANTAGES

- ✓ Up to 60 minutes fire resistance can be achieved\*
- ✓ A2 fire rating, no drop formation and low smoke emissions when burning
- ✓ Good acoustic properties
- ✓ Moisture and mould resistant
- ✓ Aesthetic finish

## SPECIFICATIONS

Thickness (mm)	$R_D$ (m <sup>2</sup> .K/W)	Weight (kg/m <sup>2</sup> )	Length (mm)	Width (mm)	Panels/pallet	Pallet (m <sup>2</sup> )
15	0.15	9.0	1200/2000	600	70	50.40 / 82.00
25	0.25	17.5	1200/2000	600	40	28.80 / 48.00
35	0.40	22.0	1000	600	30	18.00
50	0.55	29.0	1000	600	20	12.00

### Options

Fibre width	10 mm
Colour	White (RAL 9003) or RAL
Panel variant	Inlay (T 25 mm, W 595 mm, L 1195 mm)

## CERTIFICATIONS



Always process our Heraklith wood wool panels according to our processing instructions. These can be found on [heraklith.co.uk/downloads](http://heraklith.co.uk/downloads)



[www.heraklith.co.uk](http://www.heraklith.co.uk)

Wood Wool Panel in accordance with EN 13168:2012+A1  
WW-EN 13168-L2-W1-T1-S2-P2-CS(10/Y)200-CI3

## TECHNICAL INFORMATION

Properties	Symbol	Description	Unit	Norm
Fire class	-	A2-s1, d0	-	EN 13501-1
Fire resistance	-	REI 60 (Provided they are processed against solid concrete according to report 16210B or 16211B)	-	EN 13501-2
Heat conductivity coefficient	$\lambda$	Wood wool: 0.085	[W/mK]	EN 12667
Compressive strength	CS	(D $\leq$ 25mm) $\geq$ 200, (D > 25mm) $\geq$ 150	[kPa]	EN 826
Chloride levels	Cl	CI3	-	EN 13168
Tolerances	-	Thickness (T1)    Length (L2)    Width (W1)    Squareness (S2)    Flatness (P1)	[mm]	EN 13168
		+3/-2                    +3/-5 $\pm$ 3 $\leq$ 2 $\leq$ 6		
Edge finishing	Bevelled on all sides			
DoP-code	W4302APCPR ( <a href="http://www.dopki.com">www.dopki.com</a> )			

## SOUND ABSORPTION COEFFICIENT

Panel type	F(Hz)	125	250	500	1000	2000	4000	$\alpha_w$	NRC	SAA	Report number
1. Concrete 2. Heraklith® [2mm], 25mm	$\alpha_s$ (1/1 octave)	0.06	0.13	0.27	0.63	0.91	0.66	<b>0.35</b>	0.50	-	A 2518-3-RA-001
1. Concrete 2. Heraklith® [1mm], 25mm	$\alpha_s$ (1/1 octave)	0.08	0.16	0.31	0.60	0.94	0.72	<b>0.35</b>	0.50	-	A 2828-2E-RA-001
1. Concrete 2. Cavity, 175mm 3. Heraklith® [2mm], 25mm	$\alpha_s$ (1/1 octave)	0.21	0.56	0.65	0.52	0.65	0.82	<b>0.60</b>	0.60	-	A 2828-2E-RA001
1. Concrete 2. Cavity, 135mm 3. Mineral wool, 40mm 4. Heraklith® [2mm], 25mm	$\alpha_s$ (1/1 octave)	0.44	0.87	0.27	0.90	0.84	0.95	<b>0.90</b>	0.85	-	A 2828-2E-RA001
1. Concrete 2. Heraklith® [2mm], 35mm	$\alpha_s$ (1/1 octave)	0.09	0.16	0.35	0.81	0.77	0.76	<b>0.40</b>	0.50	-	A 2518-3-RA-001
1. Concrete 2. Heraklith® [2mm], 50mm	$\alpha_s$ (1/1 octave)	0.15	0.33	0.62	0.87	0.75	0.85	<b>0.60</b>	0.65	-	A 2518-3-RA-001

Sound absorption tests have been executed in accordance with the norm ISO 11654/ ASTM-C423

## Do you want more information? Please contact us

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